

1 What is claimed is:

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1. In a washing machine including a cabinet having a first opening through which a laundry is put in on a cabinet front side, a tub having a second opening at a tub front side, and a drum rotatably installed in the tub to have a third opening at a drum front side, a gasket comprising:

3 a leakage preventing part having one end connected to a rim of the first opening and
4 the other end connected to a rim of the second opening to prevent water leakage wherein a
5 portion between the one and the other ends of the leakage preventing part is bent to prevent
6 shocks by vibrations of the tub and drum from appearing on the cabinet;

7 a deformation preventing part connected to the leakage preventing part to reinforce a
8 strength of the leakage preventing part and to prevent deformation of the leakage preventing
9 part; and

10 a laundry-stuck preventing part provided on an inner circumference of the leakage
11 preventing part to prevent the laundry from being stuck between the second and third
12 openings.

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14 2. The gasket as claimed in claim 1, the deformation preventing part comprising
15 at least one ring type rib protruding from an outer circumference of the leakage preventing
16 part.

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18 3. The gasket as claimed in claim 2, the leakage preventing part comprising:

19 a first connecting member having one end connected to the first opening to
20 horizontally extend toward the tub;

21 a second connecting member having one end connected to the other end of the first
22 connecting member to radially extend toward the cabinet front side; and

23 a third connecting member having one end connected to the other end of the second
24 connecting member and having the other end connected to the second opening.

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26 4. The gasket as claimed in claim 3, wherein the ring type rib is formed on at
27 least one of outer circumferences of the first and second connecting members.

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29 5. The gasket as claimed in claim 4, wherein a connecting portion of the ring
30 type rib with the leakage preventing part is rounded.

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32 6. The gasket as claimed in claim 4, wherein a vertical cross-section of the ring
33 type rib is hemi-circular.

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35 7. The gasket as claimed in claim 4, wherein a vertical cross-section of the ring
36 type rib is polygonal.

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38 8. The gasket as claimed in claim 3, wherein the deformation preventing part is
39 formed at a connecting part between the first and second connecting members and further
40 comprises a strength gusset for reinforcing elasticity of the leakage preventing part.

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9. A drum type washing machine comprising:
a cabinet having a first opening through which a laundry is put in at a cabinet front
side wherein a door is installed to open/close the first opening;

a tub installed in the cabinet to have a second opening at a tub front side corresponding to the first opening;

a drum installed in the tub to have a third opening at a drum front side corresponding to the second opening;

a rotation means having a rotational shaft penetrating a rear side of the tub to be connected to the drum; and

a gasket for preventing leakage of water, the gasket comprising:

42 a leakage preventing part having one end connected to a rim of the first
43 opening and the other end connected to a rim of the second opening to prevent water
44 leakage wherein a portion between the one and the other ends of the leakage
45 preventing part is bent to prevent shocks by vibrations of the tub and drum from
46 appearing on the cabinet;

47 a deformation preventing part connected to the leakage preventing part to
48 reinforce a strength of the leakage preventing part and to prevent deformation of the
49 leakage preventing part; and

50 a laundry-stuck preventing part provided on an inner circumference of the
51 leakage preventing part to prevent the laundry from being stuck between the second
52 and third openings.

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10. The drum type washing machine as claimed in claim 9, the deformation preventing part comprising at least one ring type rib protruding from an outer circumference of the leakage preventing part.

54 11. The drum type washing machine as claimed in claim 10, the leakage

preventing part comprising:

a first connecting member having one end connected to the first opening to horizontally extend toward the tub;

a second connecting member having one end connected to the other end of the first connecting member to radially extend toward the cabinet front side; and

a third connecting member having one end connected to the other end of the second connecting member and having the other end connected to the second opening.

12. The drum type washing machine as claimed in claim 11, wherein the ring type rib is formed on at least one of outer circumferences of the first and second connecting members.

13. The drum type washing machine as claimed in claim 12, wherein a connecting portion of the ring type rib with the leakage preventing part is rounded.

14. The drum type washing machine as claimed in claim 12, wherein a vertical cross-section of the ring type rib is hemi-circular.

15. The drum type washing machine as claimed in claim 12, wherein a vertical cross-section of the ring type rib is polygonal.

16. The drum type washing machine as claimed in claim 11, wherein the deformation preventing part is formed at a connecting part between the first and second connecting members and further comprises a strength gusset for reinforcing elasticity of the

79 leakage preventing part.

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